

Q1

[a processor coupled to the video camera, the processor including:]
a current frame buffer to hold a current image captured by the video camera;
a previous frame buffer to hold a previous image captured prior to the current image;
a candidate buffer to hold a most recent image for periodic uploading to the web site;
logic circuitry to perform a pixel comparison between the current image and the previous image, the logic circuitry asserting a motion signal when the pixel comparison exceeds a predetermined threshold;
the [processor] web camera system operating according to one of a plurality of modes, in a first mode of operation the current image is loaded into the candidate buffer responsive to the motion signal.

Q2

9. (Amended) The web camera system of claim 8 further comprising:
a circular buffer to store successive current images when the motion signal is asserted; and wherein
in a third mode of operation [the processor selecting] one of the current images stored in the circular buffer is selected for loading into the candidate buffer once the motion signal has been de-asserted for a predetermined time.

10. (Amended) The web camera system of claim 7 further comprising:
a circular buffer to store successive current images when the motion signal is asserted; and wherein
in a third mode of operation [the processor selecting] one of the current images stored in the circular buffer is selected for loading into the candidate buffer once the motion signal has been de-asserted for a predetermined time.

Sub
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19. (New) A computer-readable storage medium having a configuration that represents data and instructions that cause a processor to:

assert a motion detection signal when a pixel comparison between the current image frame captured from a video camera and a previous image frame exceeds a predetermined threshold;

store in a buffer successive image frames captured from the video camera while the motion detection signal is asserted;

de-assert the motion detection signal when the predetermined threshold is no longer exceeded for the current image frame;

select from the buffer a certain one of the successive image frames as a candidate picture once the motion detection signal has been de-asserted for a certain duration; and

upload the candidate picture to a web site.

20. (New) The computer-readable storage medium of claim 19 wherein the medium is further configured to cause the processor to:

select as a candidate picture either:

the current image when the motion detection signal is asserted;

the current image a first duration following de-assertion of the motion detection signal; or

a certain one of the successive image frames from the buffer once the motion detection signal has been de-asserted for a second duration.